



INTEROFFICE CORRESPONDENCE

DATE: October 3, 1994
TO: S. R. Keith, Solar Pond Projects, Bldg. 080, X8541
FROM: Kathy C. London, Solar Pond Projects, Bldg. 080, X8585
SUBJECT: *K London*
 DRAFT OF NEW INTERAGENCY AGREEMENT (IAG) COMMITMENT
 SCHEDULE AND ASSUMPTIONS- KCL-006-94
DOE ORDER: 4700.1
ACTION: None required

This letter documents the schedule used for the Joint Working Group (JWG) presentation on September 27, 1994. Presentation of the draft schedule for comment by the JWG was an action item that arose from the July Dispute Resolution, and the presentation fulfilled our commitment to Rocky Flats Field Office (RFFO) to present the dates by the end of September.

The version presented to the JWG has been archived as "EPA1"; the critical path gantt chart, summary milestone table, and assumptions are attached for your information. Several changes are required before we submit the final schedule, assumptions, and estimated cost impacts to RFFO: the final schedule can be ready in two weeks assuming Work Package Managers are available as we discussed informally.

If you would like to discuss this further, please call me.

KCL:pjm

Attachments:

As stated (3)

CC:

J. A. Ledford
 J. B. Mellen
 J. Pennell
 D. A. Ringle
 M. Wrapp
 ERM Records(2)
 File

Key Assumptions for Schedule Version EPA1
(These Assumptions Are Added To The Existing Planning Assumptions)

- Treatment processes for remediation wastes will be conceptually defined in the IM/IRA Decision Document. They will be permitted as Temporary Units and the Decision Document will serve as the permitting mechanism.
- Treatment unit designs will not require approval by the regulators; though the units will be certified and the State will accept the certification.
- The computer fate and transport model VS2DT will validate the VLEACH results, will calculate leachate performance criteria for treated sludge and pondcrete, and will be used to establish mixture ratios for placing soil and treated waste into the interim measure construction.
- The Decision Document will be submitted to the public with a discussion of our intended use of VS2DT, but with no VS2DT results.
- A document describing the use of the VS2DT method and use will be submitted to the Joint Working Group in October, and the pondcrete White Paper will be submitted to the JWG prior to release of the Decision Document for public comment. Neither of these documents, however, will constrain preparation of the Proposed Decision Document.
- The sludge and pondcrete remediation wastes will be minimally treated and disposed beneath the OU 4 barrier.
- The volume of treated sludge and pondcrete will exceed 13,000 cubic yards, so the cap footprint (May 27, 1994 version) must be expanded.
- Building 964 must be demolished to allow expansion of the cap. Demolition in a timely manner further assumes:
 - (1) alternate storage space for Building 964 contents is available in a timely manner,
 - (2) the Building 964 RCRA unit will be closed using the OU 4 Decision Document as the closure plan,
 - (3) demolition debris will be decontaminated as required and released as scrap,
 - (4) any debris that is not released as scrap will be dispositioned under the OU 4 barrier,
 - (5) IHSS 176 will be transferred to OU 4 and closed under the OU 4 Decision Document, and
 - (6) the Building 964 foundation, concrete floor, and underground utilities will be dispositioned under the OU 4 barrier.
- No funding constraints will be encountered and a Budget Control Package to implement the schedule will be approved in October.
- Cost of barrier design will not be significantly impacted by the changes since the May 27, 1994 version.
- The area of pond 207 C will be "clean-closed".
- The Title II design for the barrier will be completed and submitted for 90% design review as previously planned; inclusion of any detail for the sludge and pondcrete processes will be accomplished as part of EG&G's 90% design review.

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ACTIVITY ID	ACTIVITY DESCRIPTION	ORIG DUR	REM DUR	TOTL FLT	EARLY START	EARLY FINISH
		FY98	FY98	FY98	FY97	FY97
1218782620	FY94 Oper - C Pond Air Vacuum (Cont 1218751300)	30	8	0	19AUG94	30SEP94
12189R1105	Procurement Cycle for TS MTS Subcontractor	20	15	0	15SEP94A	11OCT94
12189R1112	Prepare & Ship Ponderecrete Samples to Pittsburgh	40	40	0	21SEP94	15NOV94
12148B6103	PREP 12 MO 'TEMPORARY UNIT' TRTMNT PRMT - BOTH	20	20	0	30CT94	28OCT94
1218751300	207C - POND SALT GRINDER AND SLUDGE TRANSFER	41	41	0	30CT94	30NOV94
1218751800	RCRA INSPECTIONS	248	248	0	30CT94	29SEP95
12189R1106	MS-EG&G Award New MTS Subcontract	0	0	0	12OCT94	11OCT94
12189S1111	Review Existing Information	1	1	0	12OCT94	12OCT94
12189S1112	Conduct Studies	50	50	0	13OCT94	23DEC94
12148B6120	NEPA PROCESS	207	207	0	24OCT94	23AUG95
12148S6315	PREPARE QUALITY ASSURANCE PLAN	207	207	0	24OCT94	23AUG95
12162Z1595	LOG RECEIPT TU PERMIT/SLUDGE	5	5	0	31OCT94	4NOV94
12162Z1605	LOG RECEIPT TU PERMIT/PUC	5	5	0	31OCT94	4NOV94
12162B6340	PREPARE PROPOSED PART I	2	2	0	7NOV94	8NOV94
12162B6340	PREPARE PROPOSED PART II	2	2	0	7NOV94	8NOV94
12162B6340	PREPARE PROPOSED PART III	2	2	0	7NOV94	8NOV94
12162B6340	PREPARE PROPOSED PART IV	2	2	0	7NOV94	8NOV94
12162B6340	PREPARE PROPOSED PART V	2	2	0	7NOV94	8NOV94
12162B69430	COMPILE/COPY PROPOSED DD	6	6	0	9NOV94	16NOV94
12189R1113	Conduct Studies	50	50	0	16NOV94	3FEB95
12162B69435	TRANSMIT PROPOSED DD TO EG&G	1	1	0	17NOV94	17NOV94
12162Z1500	EG&G TRANSMITTAL PROPOSED DD TO DOE	1	1	0	18NOV94	18NOV94
12162B60110	DOE TRANSMIT PROPOSED DD TO AGENCIES	5	5	0	21NOV94	29NOV94
12162B60115	TRANSMITTAL OF PROPOSED DRAFT B.D.D.	0	0	0	29NOV94	
12162B60120	SCHEDULE RESERVE FOR PROPOSED DD	10	10	0	30NOV94	13DEC94
1218751320	207C POND CLEAN & DRY	0	0	0	30NOV94	
1218781570	C Pond Empty	0	0	0	30NOV94	
1218751345	207C - Pond Rinse and Wash	20	20	0	1DEC94	5JAN95
HAMMOCK ACTIVITY						
Per Date		26SEP91	Activity Dates		EPA	DRAFT
Data Project Start		21SEP94	Actual Activity Progress Date		Revision	Checked
Project Finish		1DEC92	15APR90			Approved

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EG & G ROCKY FLATS
OU4 SOLAR PONDS
BC-23 CRITICAL PATH GANTT CHART



Sheet 1 of 1

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ACTIVITY ID	ACTIVITY DESCRIPTION	ORIG DUR	REM DUR	TOTL FLT	EARLY START	EARLY FINISH	FY98	FY97
8	1218751350 Clean up B-Pond North after B-Pond South	20	20	0	1DEC94	5JAN95		
0	12186280125 IAG #2 PUBLIC COMMENT PERIOD	0	0	0		13DEC94		
1	12186280135 Subcontractor Issue Draft TSR	42	42	0	14DEC94	17FEB95		
2	12186SS1113 Clean & Return EG&G Review and Comment Draft TSR	0	0	0		23DEC94		
3	12186SS1114 Clean & Return EG&G Review and Comment Draft TSR	8	8	0	3JAN95	12JAN95		
4	1218751360 B-Pond Clean & Dry	0	0	0		5JAN95		
5	1218751420 SCHEDULE RESERVE	11	11	0	6JAN95	20JAN95		
6	12186SS1119 Subcontractor Prepare Final TSR	10	10	0	13JAN95	26JAN95		
7	12186266450 IAG - ALL SOLAR PONDS CLEAN AND DRY	0	0	0		20JAN95		
8	12186SS1120 Subcontractor Issue Final TSR	0	0	0		26JAN95		
9	12186SS1259 SIC Prepare GA, OneLines, PFD, P&ID'S	25	25	0	27JAN95	2MAR95		
10	12186269545 PERFORM RESEARCH ON SOILS AND SLUDGE SOILS	20	20	0	6FEB95	3MAR95		
11	12186266450 PREPARE DRAFT RESPONSIVENESS SUMMARY	14	14	0	20FEB95	9MAR95		
12	12189SS1262 Conduct joint EG&G ER/DOE-RFO Review Of 90% CDR	4	4	0	3MAR95	8MAR95		
13	12189SS1119 Subcontractor Prepare Final TSR	10	10	0	6MAR95	17MAR95		
14	12189SS1263 EG&G Prep CDR Cost Estimate & Sched T-II & Const	10	10	0	9MAR95	22MAR95		
15	12186269375 TRANSMIT DRAFT RS TO EG&G	1	1	0	10MAR95	10MAR95		
16	121862Z1600 EG&G TRANSMITTAL DRAFT RS TO DOE	1	1	0	13MAR95	13MAR95		
17	12186280150 DOE TRANSMITTAL DRAFT RS TO AGENCIES	5	5	0	14MAR95	20MAR95		
18	12189SS1120 Subcontractor Issue Final TSR	0	0	0		17MAR95		
19	12189SS1259 SIC Prepare GA, OneLines, PFD, P&ID'S	25	25	0	20MAR95	24APR95		
20	12186280151 SCHEDULE RESERVE FOR IAG #3	40	40	0	21MARS	16MAY95		
21	12189SS1264 SIC Assemble and Issue 90% CDR	3	3	0	23MARS	27MAR95		
22	12189SS1265 SIC Issue DRAFT CDR	2	2	0	28MARS	29MAR95		
23	12189SS1266 EG&G RW Draft (90%) CDR & ISSUE COMMENT	8	8	0	30MARS	10APR95		
24	12189SS1267 SIC Issue FINAL CDR	3	3	0	11APR95	13APR95		
25	12189SS1268 EG&G ISSUE FINAL CDR TO DOE	1	1	0	17APR95	17APR95		
26	12189SS1297 EG&G ASSEMBLE Request to DOE for KD2 Approval	5	5	0	18APR95	24APR95		
27	HAMMOCK ACTIVITY							
28	Pilot Date 26SEP94	EPK1					DRAFT	
29	Data Start 21SEP94						Date	
30	Project Start 10DEC92						Revision	
31	Project Finish 15APR00						Checked	
32							Approved	

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OU4 SOLAR PONDS

BC-23 CRITICAL PATH GANTT CHART

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ACTIVITY ID	ACTIVITY DESCRIPTION	ORIG DUR	REM DUR	TOTL FLT	EARLY START	EARLY FINISH	FY98	FY97
12189S1373	MS-Issue EG&G PROC Award T-II & III A/E DESIGN	0	0	0			24APR95	
12189S1392	XMS- DOE ISSUES APPROVAL FOR TITLE II DESIGN-KD2	0	0	0			24APR95	
12189R1262	Conduct joint EG&G ERDOE-RFO Review OF 90% CDR	4	4	0	25APR95	28APR95		
12189S1411	Kickoff Meeting 1 @ SIC Offices	1	1	0	25APR95	25APR95		
12189S1416	Begin Subcontractor Title II Design Services	0	0	0	26APR95			
12189S1417	Subcontractor (SIC) Review ORD, CDR, EQUIP.	10	10	0	26APR95	9MAY95		
1215704810	CONDUCT MID-YEAR REVIEW FY95	0	0	0		28APR95		
12189R1263	S/C Prep CDR Cost Estimate & Sched T-II & Const.	10	10	0	1MAY95	12MAY95		
12189S1418	S/C Prepare 30 % T-II Design Layouts, Spec lists	20	20	0	10MAY95	7JUN95		
12189R1264	S/C Assemble and Issue CDR	3	3	0	15MAY95	17MAY95		
1216280152	IAG #3 SUBMIT DRAFT RESPONSIVENESS SUMMARY	0	0	0		16MAY95		
1216280155	AGENCY REVIEW AND COMMENT DRAFT RS	21	21	0	17MAY95	15JUN95		
12189R1265	S/C Issue DRAFT CDR	2	2	0	18MAY95	19MAY95		
12189R1266	EG&G RWN Draft (90%) CDR & ISSUE COMMENT	8	8	0	22MAY95	1JUN95		
12189R1267	S/C Issue FINAL CDR	3	3	0	2JUN95	6JUN95		
12189R1268	EG&G ISSUE FINAL CDR TO DOE	1	1	0	7JUN95	7JUN95		
12189R1297	EG&G ASSEMBLE Request to DOE for KD2 Approval	5	5	0	8JUN95	14JUN95		
12189S1419	S/C Issue 30 % T-II Design for Review	5	5	0	8JUN95	14JUN95		
12189R1373	MS-Issue EG&G PROC Award T-II & III A/E DESIGN	0	0	0	15JUN95	14JUN95		
12189R1392	XMS- DOE ISSUES APPROVAL FOR TITLE II DESIGN-KD2	0	0	0	15JUN95	14JUN95		
12189S1411	Kickoff Meeting 1 @ SIC Offices	1	1	0	15JUN95	15JUN95		
12189S1421	MS-Begin 60% Design	0	0	0	15JUN95			
12189S1422	S/C Prepare 60% CIVIL DESIGN/SPECS	20	20	0	15JUN95	13JUL95		
12189S1424	S/C Prepare 60 % T-II Mech. Design Dwg, Specs.	20	20	0	15JUN95	13JUL95		
12189S1425	S/C Prepare 60 % T-II Elect Design Dwg, Specs.	20	20	0	15JUN95	13JUL95		
12189S1427	S/C Prepare 60 % T-II Process Design Report.	20	20	0	15JUN95	13JUL95		
1216288480	COMMENT RESOLUTION FOR DRAFT RS	10	10	0	16JUN95	29JUN95		
12189R1416	Begin Subcontractor Title II Design Services	0	0	0	16JUN95	15JUN95		
HAMMOCK ACTIVITY								
Plot Date	26SEP91	Activity Start Date		EPA1	DRAFT			
Data Date	21SEP94	Activity End Date			Date	Revision	Checked	Approved
Project Start	1DEC92							
Project Finish	15APR90							
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OU4 SOLAR PONDS
BC-23 CRITICAL PATH GANTT CHART

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Date Revision Checked Approved

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ACTIVITY ID	ACTIVITY DESCRIPTION	ORIG DUR	REM DUR	TOTL FLT	EARLY START	EARLY FINISH	FY98	FY97
							FY98	FY97
12189R1417	Subcontractor (S/C) Review ORD, CDR, EQUIP.	10	10	0	16JUN95	28JUN95		
1216260450	INCORPORATE COMMENTS PART I	10	10	0	30JUN95	14JUL95		
1216261450	INCORPORATE COMMENTS PART II	10	10	0	30JUN95	14JUL95		
1216262450	INCORPORATE COMMENTS PART III	10	10	0	30JUN95	14JUL95		
1216263450	INCORPORATE COMMENTS PART IV	10	10	0	30JUN95	14JUL95		
1216264450	INCORPORATE COMMENTS PART V	10	10	0	30JUN95	14JUL95		
1216266485	INCORPORATE COMMENTS RS	10	10	0	30JUN95	14JUL95		
12189R1418	S/C Prepare 30 % T-II Design Layouts, Spec lists	20	20	0	30JUN95	28JUL95		
12189S1429	S/C Issue 60 % T-II Design PKG	5	5	0	14JUL95	20JUL95		
1216260455	PREPARE FINAL PART I	2	2	0	17JUL95	18JUL95		
1216261455	PREPARE FINAL PART II	2	2	0	17JUL95	18JUL95		
1216262455	PREPARE FINAL PART III	2	2	0	17JUL95	18JUL95		
1216263455	PREPARE FINAL PART IV	2	2	0	17JUL95	18JUL95		
1216264455	PREPARE FINAL PART V	2	2	0	17JUL95	18JUL95		
1216266490	PREPARE FINAL RS	2	2	0	17JUL95	18JUL95		
1216269445	COMPILE/COPY FINAL IMIRA & RS	6	6	0	19JUL95	26JUL95		
12189S1471	SPP Review of 60% title II Design	5	5	0	21JUL95	27JUL95		
1216269405	TRANSMIT FINAL IMIRA & RS TO EG&G	1	1	0	27JUL95	27JUL95		
12162271950	EG&G TRANSMIT FINAL IMIRA & RS TO DOE	1	1	0	28JUL95	28JUL95		
12189S1431	S/C Prepare 90 % Costs Est.	15	15	0	28JUL95	17AUG95		
12189S1472	CM Prepare Constructionability Review/Plan	15	15	0	28JUL95	17AUG95		
1216280165	DOE TRANSMITTAL FINAL IMIRA & RS	5	5	0	31JUL95	4AUG95		
12189R1419	S/C Issue 30 % T-II Design for Review	5	5	0	31JUL95	4AUG95		
1216280167	IAG #4 - SUBMIT FINAL IMIRA DD & RESPONSE SUMM	0	0	0	4AUG95			
1216280166	SCHEDULE RESERVE FOR IAG #4	0	0	0	7AUG95	4AUG95		
1216280315	AGENCY APPROVAL FINAL IMIRA & RS	21	21	0	7AUG95	5SEP95		
12189R1421	MS- Begin 60% Design	0	0	0	7AUG95			
12189R1422	S/C Prepare 60% CIVIL DESIGN/SPECS	20	20	0	7AUG95	1SEP95		
Activity Classification: SUMMARY ACTIVITY								
Plot Data		26SEP91	Last Baseline Date Last Change Date Last Review Date Last Reviewing Pkg Activity		EPA1	DRAFT		
Data Date		21SEP94	1DEC92 15APR90			Date	Revision	
Project Start			</>			Credited	Approved	
Project Finish								
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Sheet 4 of 6

E G & G ROCKY FLATS
OU4 SOLAR PONDS
BC-23 CRITICAL PATH GANTT CHART

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ACTIVITY ID	ACTIVITY DESCRIPTION	ORIG DUR	REM DUR	TOTL FLT	EARLY START	EARLY FINISH	FY98	FY97
8	S/C Prepare 60 % T-II Mech. Design Dwg, Specs.	20	20	0	7AUG95	1SEP95		
9	S/C Prepare 60 % T-II Elect Design Dwg, Specs.	20	20	0	7AUG95	1SEP95		
4	S/C Prepare 60 % T-II Process Design Report.	20	20	0	7AUG95	1SEP95		
5	S/C Issue 90 % T-II Design Pkg.	15	15	0	18AUG95	8SEP95		
6	GASP OPERATING PROCEDURES DEVELOP - SLUDGE	34	34	0	24AUG95	11OCT95		
7	S/C Issue 60 % T-II Design PKG	5	5	0	5SEP95	11SEP95		
8	EPA/CDH REVIEW AND COMMENT ON FINAL DESIGN	21	21	0	6SEP95	4OCT95		
9	EG&G Receives 90% Design Packages for Final R	2	2	0	11SEP95	12SEP95		
10	IPC OPERATING PROCEDURES DEVELOP - IPC	34	34	0	12SEP95	27OCT95		
11	SPP REVIEW OF 60% TITLE II DESIGN	5	5	0	12SEP95	18SEP95		
12	EG&G(IE&PM) Review 90% Design Package	15	15	0	13SEP95	30OCT95		
13	S/C Prepare 90 % Costs Est.	15	15	0	19SEP95	9OCT95		
14	IAG COMMITMENT FOR START OF CONSTRUCTION	0	0	0	27SEP95			
15	Roundtable for S/C & EG&G	1	1	0	4OCT95	4OCT95		
16	PROCESS QUALIFICATION PLAN - SLUDGE	25	25	0	5OCT95	8NOV95		
17	EPA/CDH COMMENT RESOLUTION ON FINAL DESIGN	10	10	0	5OCT95	18OCT95		
18	Compile Comments	2	2	0	5OCT95	6OCT95		
19	S/C Resolve Comments	2	2	0	9OCT95	10OCT95		
20	S/C Issue 90 % T-II Design Pkg.	15	15	0	100CT95	30OCT95		
21	Final Roundtable & EG&G	2	2	0	11OCT95	12OCT95		
22	S/C Incorporate 90 % Rev.Comments & EG&G Confirm	5	5	0	13OCT95	19OCT95		
23	INCORPORATE FINAL DESIGN COMMENTS FROM CDH/EPA	9	9	0	19OCT95	31OCT95		
24	S/C Issue 100 % T-II Design Pkg.	1	1	0	20OCT95	20OCT95		
25	PROCESS QUALIFICATION PLAN - IPC	25	25	0	23OCT95	28NOV95		
26	EG&G E&PM Sign off all Drawings & Specs.	3	3	0	23OCT95	25OCT95		
27	EG&G Issue to DOE 100% Final Design Dwg/Specs	2	2	0	26OCT95	27OCT95		
28	MS-KD-3	0	0	0	27OCT95			
29	General Contractor Procurement Support	30	30	0	30OCT95	12DEC95		
Activity Classification: SUMMARY ACTIVITY								
HAMMOCK ACTIVITY		Start s d t		End s d t		DRAFT		
Proj Date 26SEP91		EPA1		E G & G ROCKY FLATS		DRAFT		
Data Date 21SEP94		Activity Baseline Dates		OU4 SOLAR PONDS		DRAFT		
Project Start 1DEC92		Current Activity Progress Bar		BC-23 CRITICAL PATH GANTT CHART		DRAFT		
Project Finish 15APR00		Historical Activity Progress Bar						
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ACTIVITY ID	ACTIVITY DESCRIPTION	ORIG DUR	REM DUR	TOTL FLT	EARLY START	EARLY FINISH
		FY96	FY96	FY96	FY97	FY97
1215704820	CONDUCT YEarend REVIEW FY95	0	0	0	31OCT95	31OCT95
12189R1481	EG&G Receives 90% Design Packages for Final R	2	2	0	31OCT95	1NOV95
1218111440	CDH/EPA APPROVAL OF FINAL IMIRA DESIGN	5	5	0	1NOV95	7NOV95
12148S6371	TRANSPORTATION PLAN	25	25	0	2NOV95	8DEC95
12189R1482	EG&G(E&PM,PLANTWIDE) REVIEW 90% DESIGN PACKAGE	15	15	0	2NOV95	22NOV95
1218162121	CONSTRUCTION OF RCRA REMOVAL (PHASE II)	90	90	0	8NOV95	22MAR96
12148R6371	TRANSPORTATION PLAN	25	25	0	20NOV95	3JAN96
12189R1483	ROUNDTABLE FOR S/C & EG&G	1	1	0	27NOV95	27NOV95
12189R1487	COMPILE COMMENTS	2	2	0	28NOV95	29NOV95
12189R1484	S/C RESOLVE COMMENTS	2	2	0	30NOV95	1DEC95
12148S6365	PROCESS SAMPLING & ANALYSIS PLAN - SLUDGE	25	25	0	4DEC95	15JAN96
12189R1486	FINAL ROUND TABLE & EG&G	2	2	0	4DEC95	5DEC95
12189R1453	S/C Incorporate 90 % Rev.Comments & EG&G Confirm	5	5	0	6DEC95	12DEC95
12189R1455	S/C Issue 100 % T-II Design Pkg.	1	1	0	13DEC95	13DEC95
12189S1511	EG&G REVIEW Shop Drawings	30	30	0	13DEC95	31JAN96
12189R1485	EG&G E&P Sign off all Drawings & Specs.	3	3	0	14DEC95	18DEC95
12189R1488	EG&G Issue to DOE 100% Final Design Dwgs/Specs	2	2	0	19DEC95	20DEC95
12148R6365	PROCESS SAMPLING & ANALYSIS PLAN - IPC	25	25	0	20DEC95	31JAN96
12189R1499	MS-KD-3	0	0	0	21DEC95	20DEC95
12189R1505	General Contractor Procurement Support	30	30	0	21DEC95	8FEB96
12148S6376	DEVELOP PROCESS CONTROL PLAN	25	25	0	31JAN96	12FEB96
12148R6376	DEVELOP PROCESS CONTROL PLAN	25	25	0	25JAN96	28FEB96
12189S1521	Engineering Support to Erection	40	40	0	1FEB96	27MAR96
12189R1511	EG&G REVIEW Shop Drawings	30	30	0	9FEB96	21MARR96
12148S6395	GASP PROJECT CONTROLS MILESTONE	0	0	0	12FEB96	12FEB96
12148S6405	TRAINING (TEACH & WRITE) - SLUDGE	30	30	0	13FEB96	25MARR96
12148R6395	IPC PROJECT CONTROLS MILESTONE	0	0	0	28FEB96	28FEB96
12148R6405	TRAINING (TEACH & WRITE) - IPC	30	30	0	29FEB96	11APR96
Activity Classification: HAMMOCK ACTIVITY						
Plot Date		26SEP91	Activity Baseline Dates		EPA	Sheet 6 of 6
Data Date		21SEP94	Initial Activity Progress Bar		DRAFT	
Project Start		10C92	Progress Bar		Date	Revision
Project Finish		15APR00	Actual Progress Bar		Checked	Approved
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E G & G ROCKY FLATS
OU4 SOLAR PONDS
BC-23 CRITICAL PATH GANTT CHART

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ACTIVITY ID	ACTIVITY DESCRIPTION	ORIG DUR	REM DUR	TOTL FLT	EARLY START	EARLY FINISH	FY98	FY97
12189R1521	Engineering Support to Erection	40	40	0	22MAY96	17MAY96		
12148S6408	TEMPORARY FACILITY TRANSFER (TFT)	0	0	0			25MAY96	
12189R12290	SCHEDULE RESERVE FOR START OF CONSTRUCTION	100	100	0	25MAY96	14AUG96		
12148S6411	CC/SO TEST (COLD TEST)	5	5	0	26MAY96	2APR96		
12189S1531	Engineering Support to Equipment Test & Setup	20	20	0	28MAY96	25APR96		
12148S6415	DEVELOP PUNCH LIST FOR DEFICIENCIES	2	2	0	3APR96	4APR96		
12148S6423	COMPLETE ACCEPTANCE OF PUNCH LIST ITEM(S)	2	2	0	5APR96	8APR96		
12148S6425	PROJECT ACCEPTANCE & TRANSFER	0	0	0			8APR96	
12148S6430	PREPARE NOTIFICATION TO CDPH&E TO START HOT OPS	2	2	0	9APR96	10APR96		
12148R6408	TEMPORARY FACILITY TRANSFER (TFT)	0	0	0			11APR96	
12148S6435	ACTIVATE 12 MONTH TEMP UNIT TREATMENT PERMIT	0	0	0			11APR96	
12148S6440	PROCESS HOT QUALIFICATION TESTING - SLUDGE	20	20	0	11APR96	8MAY96		
12148R6411	CC/SO TEST (COLD TEST)	5	5	0	12APR96	18APR96		
12148R6415	DEVELOP PUNCH LIST FOR DEFICIENCIES	2	2	0	19APR96	22APR96		
12148R6423	COMPLETE ACCEPTANCE OF PUNCH LIST ITEM(S)	2	2	0	23APR96	24APR96		
12148R6425	PROJECT ACCEPTANCE & TRANSFER	0	0	0			24APR96	
12148R6430	PREPARE NOTIFICATION TO CDPH&E TO START HOT OPS	2	2	0	25APR96	26APR96		
12189S1652	SCHEDULE RESERVE FOR 12189 - SLUDGE	20	20	0	26APR96	23MAY96		
12148R6435	ACTIVATE 12 MONTH TEMP UNIT TREATMENT PERMIT	0	0	0	29APR96			
12148R6440	PROCESS HOT QUALIFICATION TESTING - IPC	20	20	0	29APR96	24MAY96		
12148S6443	PROCESS HOT QUALIFICATION ACCEPTANCE - SLUDGE	0	0	0	8MAY96			
12148S6448	START OPERATIONS	0	0	0	9MAY96			
12148S6450	PROCESS - SLUDGE	220	220	0	9MAY96	27MAY97		
12148S6475	BEGIN DELIVERY	0	0	0	16MAY96			
12148S6478	TRANSPORT PRODUCT	220	220	0	16MAY96	4APR97		
12189R1531	Engineering Support to Equipment Test & Setup	20	20	0	20MAY96	17JUN96		
12189S1699	GAS/P ENGR PROJECT COMPLETED - SLUDGE	0	0	0			23MAY96	
12148R6443	PROCESS HOT QUALIFICATION ACCEPTANCE - IPC	0	0	0			24MAY96	
Activity Classification: SUMMARY ACTIVITY								
■ HAMMOCK ACTIVITY		EP1		Sheet 1 of 1		DRAFT		
Data Date	26SEP91 21SEP94 1DEC92 15APR93	Activity Bar/Entry Dates Official Activity Progress Bar Maintenance Flag Activity		Date	Revision	Checked	Approved	
Project Start								
Project Finish								

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E G & G ROCKY FLATS
OU4 SOLAR PONDS
BC-23 CRITICAL PATH GANTT CHART

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ACTIVITY ID	ACTIVITY DESCRIPTION	ORIG DUR	REM DUR	TOTL FLT	EARLY START	EARLY FINISH
		FY96	FY96	FY96	FY97	FY97
12148R6448	START OPERATIONS	0	0	0	28MAY96	
12148R6450	PROCESS - IPC	220	220	0	28MAY96	15APR97
12148S6470	SELF EVALUATIONS	220	220	0	31MAY96	18APR97
12148R6475	BEGIN DELIVERY	0	0	0	4JUN96	
12148R6478	TRANSPORT PRODUCT	220	220	0	4JUN96	22APR97
12148R6470	SELF EVALUATIONS	220	220	0	18JUN96	6MAY97
12189R1652	SCHEDULE RESERVE FOR 12189 - IPC	20	20	0	18JUN96	16JUL96
12189R1689	IPC ENGR PROJECT COMPLETED - IPC	0	0	0	16JUL96	
1218112299	1AG COMMITMENT FOR START OF CONSTRUCTION	0	0	0	0	14AUG96
12148S6485	END DELIVERY/END CONSTRUCTION FROM OU4 SCHEDULE	0	0	0	0	4APR97
12148S6488	DECOMMISSION SLUDGE PROCESS FACILITY	10	10	0	7APR97	18APR97
12148S6490	EXPIRATION OF 12 MONTH TREATMENT PERMIT	0	0	0	0	18APR97
12148S6495	END OPERATIONS	0	0	0	0	18APR97
12148S6503	DECON OF TREATMENT PROCESS TRAIN	40	40	0	21APR97	16JUN97
12148R6485	END DELIVERY/END CONSTRUCTION FROM OU4 SCHEDULE	0	0	0	0	22APR97
12148R6488	DECOMMISSION IPC PROCESS FACILITY	10	10	0	23APR97	6MAY97
12148R6490	EXPIRATION OF 12 MONTH TREATMENT PERMIT	0	0	0	0	6MAY97
12148R6495	END OPERATIONS	0	0	0	0	6MAY97
12148R6503	DECON OF IPC TREATMENT PROCESS TRAIN	40	40	0	7MAY97	2JUL97
12148S6515	FINAL SHUTDOWN, CLEANUP & REMOVE TO 904 PAD	20	20	0	17JUN97	15JUL97
12148R6515	FINAL SHUTDOWN, CLEANUP & REMOVE TO 904 PAD	20	20	0	3JUL97	31JUL97
12148S6525	TRANSFER TO EQUIPMENT TO PU&D AND/OR DISPOSITION	20	20	0	16JUL97	12AUG97
12148R6525	TRANSFER TO EQUIPMENT TO PU&D AND/OR DISPOSITION	20	20	0	1AUG97	28AUG97
12148S6530	PROJECT END	0	0	0	0	12AUG97
12148R6530	PROJECT END	0	0	0	0	28AUG97

Activity Classification: SUMMARY ACTIVITY

■ HAMMOCK ACTIVITY	Plot Date Data Date Project Start Project Finish	26SEP91 21SEP94 10DEC92 15APR00	Activity Early Date Official Activity Emergency Site Manufacturing Activity	EPAT Revision Checklist Approved
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OU4 IAG Milestones

September 27, 1994

Attachment 3
KCL-006-94
Page 1 of 1

<i>Milestone</i>	<i>Original IAG</i>	<i>Streamline¹</i>	<i>1994 Dispute²</i>	<i>Current³</i>
> IM/IRA IAG				
Draft Proposed IM/IRA DD	Apr 14, 1994	Apr 14, 1994 [May 27, 1994]	N/A	May 27, 1994
Proposed IM/IRA DD	Sep 12, 1994	Jun 24, 1994 [Aug 6, 1994]	Jan 26, 1995	Dec 13, 1994 ⁴
IM/IRA Responsiveness Summary	Jan 25, 1995	Nov 1, 1994 [Dec 14, 1994]	Jun 5, 1995	May 16, 1995 ⁵
Final IM/IRA DD and Responsiveness Summary	Apr 24, 1995	Jan 13, 1995 [Feb 25, 1995]	Jul 24, 1995	Aug 4, 1995
Final IM/IRA Title II Design	Jun 24, 1996	Feb 10, 1995	Jun 21, 1995	Aug 4, 1995 ⁶
Start of IM/IRA Construction	Jan 28, 1997	Sep 27, 1995	Sep 27, 1995	Aug 14, 1996 ⁷
> Other IAG				
All Ponds Empty	N/A	Jan 20, 1995	Jan 20, 1995	Jan 20, 1995

Notes:

1. Date in brackets represents change made in response to Regulator-requested 43 day extension.
2. Dates were proposed to support increase in scope associated with disposition of pond sludge as part of the interim measure. Dates were rejected by Regulators.
3. New IAG commitment dates.
4. Includes 10 days of schedule reserve.
5. Includes 40 days of schedule reserve.
6. Includes 55 days of schedule reserve.
7. Includes 100 days of schedule reserve.